



Dear Caregivers,

It is a pleasure to welcome your child to the Orlando Science Center's Summer Camps and *Aviation Adventure* for grades 7 - 9. This week will be incredibly fun-filled and provide your child with a variety of hands-on, exploratory learning experiences. In order to help you discuss with your child what he or she has seen and done each day, we would like to give you an overview of the camp for this week.

Sincerely,

OSC Summer Camp Staff

Aviation Adventures – Peek at the Week

“Are you ready to take flight? Begin your expedition and determine how planes, helicopters, and drones lift off. Become a pilot and guide your aircraft safely through the skies using aeronautical technologies, including Orlando Science Center’s NEW Flight Lab. Sit back, relax, and get ready for departure!”

Monday – Principles of Flight: On our first day, we are going to learn how to take off and steer our aircraft with the basics of flight. We’ll hop into the Oculus VR world and take off for adventure!

Tuesday – Charting Our Course: Campers will start their day maneuvering their plane through obstacles and landing platforms through the mountains. Then we’ll use what we’ve learned to rescue elephants on the virtual savanna.

Wednesday – Aviation through the Ages: Become an unnamed system expert and pilot drones through an obstacle race. Challenge your engineering skills to make a helium balloon buoyancy be equal to its gravity.

Thursday – Field Trip*: We’ll take a field trip where we will see some of the science behind real-life aviation!

Friday – Final Challenges: Campers will team up to fly a multiplayer mission making a cooperative effort to find castaways in the ocean. Campers will become hurricane rescuers and engineer a prototype package that will protect payload inside of it from breaking when dropped from a 10ft height.

* Field trip locations are subject to change.